

# RE-Magnets - Essential for future power generation, mobility and automation

Workshop in the frame of the World Resources  
Forum – 25 October 2017

# Megatrends are determining our Future



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Megatrends involve e.g.  
Digitalization, Globalization, Urbanization,  
Demographic change, Climate change, ...

## Future technologies will change the demand for commodities drastically

Most green technologies depend on special materials

- ⇒ Increasing demand of “conventional” metals (copper, silver)
- ⇒ Growing demand of "special" metals and alloys, e.g. rare earths (magnets), indium, gallium, lithium

Emission-free transportation

Renewable energy

Electrification and automation



# High-Volume Applications of RE Magnets



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**Power Generation**

**Wind Power**



**Industry**

**Drive Technologies**



**Infrastructure**

**Public Transportation E-mobility**



**Marine solutions**

**Ship Propulsion**

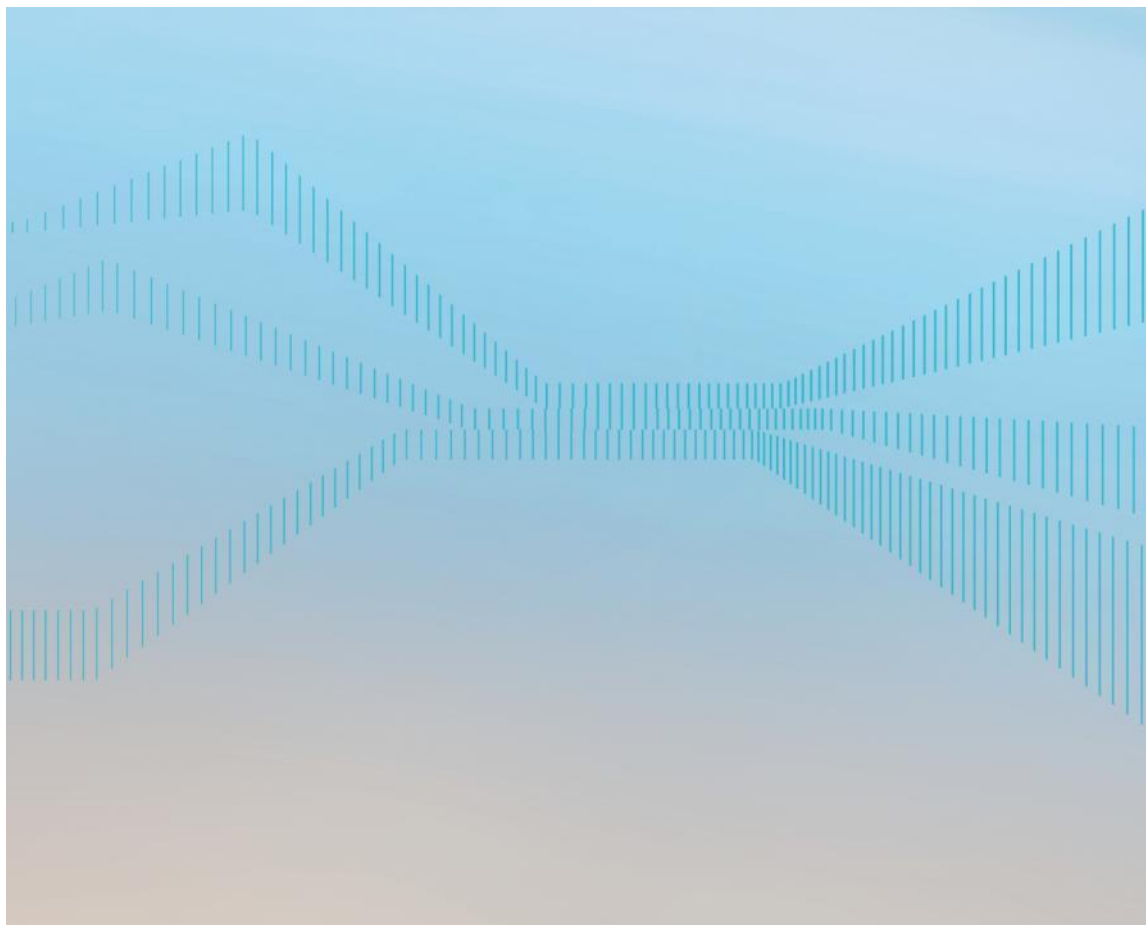


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